How to use the Scientific Method/Inquiry

Grade Level: 3rd grade

Subject: Science

Standards:

GLE 0307.Inq 1. Explore different scientific phenomena by asking questions, making logical predictions, planning investigations, and recording data.

GLE 0307.Inq.5 Recognize that people may interpret the same results in different ways.

GLE0307.Inq.6 Compare the results of an investigation with what scientists already accept about this question.

Check for Understanding:

0307.Inq.1 Identify specific investigations that could be used to answer a particular question and identify reasons for this choice.

0307.Inq.4 Analyze and communicate findings from multiple investigations of similar phenomena to reach a conclusion.

State Performance Indictors:

SPI 0307.Inq.1 Select an investigation that could be used to answer a specific question.

Guiding Question: What tools, skills, knowledge, and dispositions are needed to conduct scientific inquiry?

**Scientific Method Song**

Scientific Method

First you make an observation of the world around

Take notes and record all the things that you found

Then you ask a simple question something that you want to learn

Then you form a hypothesis to explain what you observed

Then you make a prediction about how it's gonna go

Do a test with a control and variable

Then you analyze the data and draw a conclusion

Do the scientific method to avoid all confusion

Make an observation

Ask a question

Form a hypothesis

And make a prediction

Do a test or experimentation

Analyze data and draw a conclusion

Scientific Method

Author is anonymous.

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